AMENDMENTS TO THE CLAIMS

The listing below of the claims will replace all prior versions and listings of claims in the present application:

Listing of Claims:

Claims 1 – 13 (canceled)

Claim 14 (currently amended): A method for continuously forming a flexible mat defined by a plurality of spaced, interconnected concrete panels, said method comprising:

a. providing a rotatable drum having a plurality of circumferentially-disposed, peripheral mold cavities;

b. feeding a plurality of longitudinally-extending connector elements and a plurality of transversely-extending connector elements into contacting engagement with the periphery of the drum and in overlying relationship with the mold cavities;

c. rotating the drum;

d. depositing a flowable concrete mix into successive mold cavities as the drum rotates to substantially fill the mold cavities to form concrete panels;

e. as the drum is rotating, bringing a web of base material into contacting engagement with the periphery of the drum to overlie and cover filled mold cavities to prevent concrete mix from falling from the mold cavities as the drum is rotating; and

f. continuing to rotate the drum so that the concrete panels are released from the mold cavities by gravity and are in overlying contact with the web of base material

to form a continuous mat having concrete panels that bond to the base material upon curing of the concrete mix, wherein the resulting mat has a predetermined length and width.

Claim 15 (original): A method in accordance with claim 14, including the step of providing release openings in a mold cavity surface to allow free release of the concrete panels from the mold cavities as the drum outer surface rotates to approach its lowermost position.

Claim 16 (original): A method in accordance with claim 14, including the step of pressing the connector elements into the mold cavities to allow the concrete mix to overlie and enclose a portion of the connector elements.

Claim 17 (original): A method in accordance with claim 14, including providing a trough above the rotatable drum for feeding concrete mix into the respective mold cavities as the drum rotates.

Claim 18 (original): A method in accordance with claim 17, including the step of vibrating the trough to induce flow of concrete mix therealong in a substantially uniform volume rate of flow across the rotating drum.

Claim 19 (original): A method in accordance with claim 14, wherein the connector elements are provided by an open mesh web.

Claim 20 (original): A method in accordance with claim 14, including the step of intermixing a plurality of fibers into the concrete mix to interengage with the connector elements when the concrete mix is introduced into the mold cavities.

Claim 21 (currently amended): A method in accordance with claim 14, including the steps of resting the periphery of the drum on the ground, and rotating the drum while its periphery is in contact with the ground to deposit the resulting mat directly on the ground.